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*Ya. A. Fedotov*

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Peroxide, by N. D. Tomahov, E. N. Paleolog,  
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AEC-Tr-5436

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(SF-2151)

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JPRS 12829

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- TT-65-26443

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SYNTHESE EN ONDERZOEK VAN ONVERZADIGDE  
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Polyamidov). Tr. by S. Verbezen. 11p. CBT-III-54.  
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v2 n6 p875-8 1960.  
Another trans. is available in English from ATS \$6.50 as  
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I. Centre Belge de Traductions  
Brussels (Belgium)

European Translations Centre

Fedotova, O. Ya., Losev, I. P., and Skripchenko, N. I.  
AN INVESTIGATION OF THE REACTION OF ARO-  
MATIC DIAMINES WITH DIISOCYANATES. II.  
REACTIVITY OF SOME AROMATIC DIAMINES.  
[1963] 11p 8refs  
Order from OTS or SLA \$1.60 63-20061

Trans. of Vysokomolekulyarnye Soedineniya (USSR)  
1963, v. 5, no. 2, p. 227-232.

DESCRIPTORS: Benzene derivatives, \*Amines,  
\*Isocyanates, \*Reaction kinetics, Alkyl radicals,  
Substitution reactions, Isocyanate plastics, Quantitative  
analysis.

The results of the study of the relative reactivity of  
4,4'-diaminodiphenylmethane, 4,4'-diamino-  
3,3'-diethyldiphenylmethane, and their N-alkyl sub-  
stitution products are presented. The reactivity of  
(Chemistry-Organic, TT, v. 10, no. 9) (over)

63-20061

I. Fedotova, O. Ya.  
II. Losev, I. P.  
III. Skripchenko, N. I.  
IV. Title: Reactivity . . .

0240584

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Fedovota, O. Ya., Askarov, M. A., and Losev, I. P.  
CONDENSATION DE L'ANILINE, DE L'ORTHO-SOLU-  
DINE ET DE LEURS DERIVES N-MONOALKYLES  
AVEC LA FORMALDEHYDE EN MILIEU ACIDE OR-  
TENTION DE DIAMINODIARYLMETHANES SYMETRI-  
QUES (Kondensatsiya Anilina, O-Toluidina I Ikh  
N-Mono-Alkilzameshchennykh Proizvodnykh S Formal'-  
Degidom v Kislof Srede) (Condensation of Aniline, O-  
Toluidine and Their N-Mono-alkyl Derivatives with  
Formaldehyde in Acid Medium, Preparation of Sym-  
metric Diaminodarylmethanes) 18p. (foreign text  
included), 10 refs, CNRS-VIII bis 434.  
Order from OTS, ETC or CNRS \$0.80 TT-62-28136

Trans. in French of \*Zhurnal Obshchei Khimii (USSR)  
1957, v. 27, no. 3, p. 775-780.

DESCRIPTORS: \*Anilines, \*Toluidines, Alkyl radicals,  
\*Formaldehyde, \*Condensation reactions, Acids,  
Methanes, Amines, Phenyl radicals.

(Chemistry--Organic, TT, v. 11, no. 6)

TT-62-28136

- I. Title: Diaminodarylmethanes
- I. Fedovota, O. Ya.
- II. Askarov, I. P.
- III. Losev, I. P.
- IV. CNRS-VIII bis 434
- V. Centre National de  
la Recherche Scientifique,  
Paris

Office of Technical Services  
European Translations Centre

Some Properties of Aromatic and Arylaliphatic  
polyamides Prepared by Interfacial Poly-  
condensation. Part I., by O. Ya. Fedotova,  
M. L. Kerber, I. P. Losev, 6 pp.

RUSSIAN, per, Vysokomolekulyarnyye Soyedineniya,  
Vol II, No 7, 1960, pp 1020-1025.

ATS-07M45R

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Synthesis and Investigation of Unsaturated  
Polyamides, by O. Ya. Fedotova, S. P.  
Brykina, 4 pp.

RUSSIAN, per, Vysokomolekulyarnyye  
Soedineniya, Vol II, No 6, 1960,  
pp 875-878.

ATS-40M4R

Sci  
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Fedotova, O. Ya., Losev, I. P., and Skripchenko, N. I.  
AN INVESTIGATION OF THE REACTION OF  
AROMATIC DIAMINES WITH DIISOCYANATES.  
I. INFLUENCE OF CERTAIN FACTORS. [1963]

10p 7refs

Order from OTS or SLA \$1.10

63-20060

Trans. of Vysokomolekulyarnye Soedineniya (USSR)  
1963, v. 5, no. 2, no. 2, p. 222-226.

DESCRIPTORS: Isocyanate plastics, \*Isocyanates,  
Chemical reactions, Titration, Quantitative analysis.,  
\*Amines, Reaction kinetics, Benzene derivatives.

The results of the first stage of the study of the laws  
governing the reaction of diamines with diisocyanates,  
using the reaction of N,N'-diethyl-4,4'-diamino-  
diphenylmethane with 1,6-hexamethylenediisocyanate as  
an example are presented.  
(Organic--Chemistry. TT, v. 10, no. 10)

63-20060

I. Fedotova, O. Ya.  
II. Losev, I. P.  
III. Skripchenko, N. I.  
IV. Title: Influence . . .

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Synthesis and Investigation of Aromatic  
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RUSSIAN, per, Vysokomolekulyarnyye Soyed,  
Vol II, No 6, 1960, pp 899-903.

REKATS-41044R

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Vol IV, No 11  
Jan 62

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Synthesis and Investigation of Polyamides From  $\omega, \omega'$  :  
Diamino-p-Xylene and Dicarboxylic Acids, by I. P.  
Losev, O. Ya. Pedotova, N. M. Filippova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9, 1960,  
pp 3074-3076.

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Condensation of Aniline, o-Toluidine and Their  
N-Monoalkyl-Substituted Derivatives With  
Formaldehyde in an Acid Medium. Preparation of  
Symmetrical Diaminodiphenylmethanes, by O. Ya.  
Fedotova, M. A. Ashurov, I. P. Losev, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3,  
1957, pp 775-779.

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Aug 58

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Dimethyldiphenylmethaneadipo- H,N'  
Synthesis and Investigation of Poly-3, 3'-  
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L. H. Sedov, 4 pp.

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No 3, 1958, pp 775-778.

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Synthesis of 5-Bromoquinoline, by  
J. Bankovakis, L. A. Fedotova, D. E. Zaruma,  
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX,  
No 5, 1960, pp 1614-1616.

CB

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Sci

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Synthesis of <sup>W, W'</sup> Diamino-p-Naphthylene and Its Derivative  
by I. P. Losev, O. Ya. Fedotova, M. L. Kerber, 4 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 2,  
1956, pp 4 548-549. CIA 9007073 C, Reel No 64

Consultants Bureau

Sci - Chemistry  
Dec 56 CTS

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Fedotova, O. Ya., Losev [I.] P. and others.  
SYNTHESIS AND APPLICATION OF SOME ARO-  
MATIC AND ARYLALIPHATIC POLYUREAS. [1960]  
12p. (5 figs. omitted) 2 refs.  
Order from LC or SLA ml\$2.40, ph\$3.30 61-10568

Trans. of \*Zhurnal Prikladnoy Khimii (USSR) 1960,  
v. 33 [no. 4] p. 962-968.  
Another translation is available from ATS \$7.50 as  
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(Materials--Plastics, TT, v. 5, no. 7)

61-10568

1. Urea derivatives--  
Applications
- I. Fedotova, O. Ya.
- II. Losev, I. P.

Office of Technical Services

Measurement of the Transparency of the Surface  
Atmosphere Layer in the Ultraviolet and Visible  
Bands of the Spectrum, by O. I. Popov, E. O. Fedorova,  
E. D. Sholokhova, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 3,  
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TT-65-14254

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Fedotova, O. Ya.; Grozdov, A. G.; Shtilman, M. I.  
SYNTHESIS AND TRANSFORMATIONS OF POLYAMIDE-  
POLYNITRILES, SYNTHESIS AND INVESTIGATION OF  
N-CYANOETHYLATED POLYUREAS (Sintez i Prevra-  
shcheniya Poliamidpolinitrilov, Sintez i Issledovanie  
N-Tsianetil Irovannykh Polimochevin). 20p (foreign text  
included) 7 refs.

Order from SLA: \$1.80 as TT-65-14254

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v7 n2  
p264-8 1965.

See also 'Translated or Abstracted Publications,' in  
TT Vol. 14, No. 8.

1. Title: Synthesis ...

MR 677

Protracted Durability of Boiler Steels in  
Conditions of Variable Temperature, by I. E.  
Laguntsov, L. I. Fedotova.

RUSSIAN, per, Teploenergetika, No 9, 1959,  
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NTIC MCL-642/1

Sci - Engr  
T60-17104  
Ref DC-12  
Jul 61

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Synthesis and Applications of Certain Aromatic  
and Arylaliphatic Polyarenes, by O. Ya. Fedotova,  
I. P. Losev, N. I. Skripchenko, et al, 6 pp.

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May 61

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The Polycondensation of Some N, N'-Dialkyl  
Derivatives of 4, 4'-Diamino-3, 3'-Dimethyldiphenyl-  
methane with Adipic Acid, by O. Ya. Fedotova,  
I. P. Loev, M. A. Askarov, R. G. Kostina, 5 pp.

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A Guide to Mathematical Tables, by A. V. Lobachev,  
R. M. Fedorova, 586.

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